

Internal File

## 2004 Annual Report Review

OK

**Permittee:** PacifiCorp  
**Mine Name:** Cottonwood / Wilberg Mine  
**Permit Number:** C/015/0019  
**Date Report Received:** June 16, 2005 @ DOGM Price Field Office

**Assigned Reviewers:** Peter Hess, Engineer / Inspector  
 Jim Smith, Hydrology  
 Joe Helfrich, Biology

**Date Completed**

August 19, 2005  
 November 1, 2005  
 December 5, 2005

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 10/10/05  
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**Instructions:** The assigned staff will review their respective portions of the Annual report and provide a written determination (findings) on how the mine has or has not met the permit requirements for reporting. If the report is deficient or remedial action is required to obtain compliance, this should be noted and the inspector notified. Once all reviewers have completed the report, they should initial it and a copy will be filed in the Mine Internal File.

**Assignments:**

**Inspectors:** Review each cover sheet, AVS Legal/Financial, Mine Sequence Maps.  
**Hydrologists:** Review Water Monitoring Data, Precipitation and Climatological Data, Non-Coal Waste  
**Biologists:** Review Vegetation/Revegetation Success Monitoring, Raptor Survey  
**Engineers:** Review Subsidence Monitoring Data, Annual Impoundment Certification, Annual Overburden, Spoils, Refuse, Floor, etc.

**SECTIONS TO REVIEW**
**SUBMITTED**  
 YES NO
**FINDINGS**

|                                     |                                     |                                     |  |
|-------------------------------------|-------------------------------------|-------------------------------------|--|
| Cover Sheet                         | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | Appears to be adequate and complete.   |
| AVS; Legal/ Financial Update        | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | On file at the Utah DOGM and the Utah Department of Commerce. a May 2005 evaluation of the OSM AVS revealed that there are no outstanding violation. |
| Mine Sequence Map                   | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | This Mine was sealed and placed in temporary cessation status in May of 2001, after the Trail Mountain Mine ceased production.                       |
| Water Monitoring Data               | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | Water monitoring data are submitted quarterly. The annual report has summaries and additional information, such as Stiff diagrams.                   |
| Precipitation & Climatological Data | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | Not required, but precipitation and temperature data are included in the Annual Report.  |
| Non-Coal Waste report               | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | N/A - not required. The mine was sealed in 2001 after mining equipment was removed.  |

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| SECTIONS TO REVIEW                            | SUBMITTED                           |                                     | FINDINGS   |
|---|-------------------------------------|-------------------------------------|--|
|   | YES                                 | NO                                  |  |
| Subsidence Monitoring Data                    | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | The Permittee's 2004 annual subsidence report discusses fourteen areas, three of which (Area 5, Area 11, and Area 14) are relative to the Cottonwood / Wilberg Mine. Multiple seam coal extraction in Area 4 increased the maximum subsidence from 8 feet to 13 feet in 1994-95. Subsidence has been virtually unchanged since 1995. Area 11 last saw coal extraction in 1994. The area has been stable for the last nine years. Much of Area 14 has gone through the lease relinquishment process, effective 1995. This indicates that the area is stable and no further settling is anticipated. |
| Annual Impoundment Certification              | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | Annual impoundment certifications are on file at Division Salt Lake headquarters. Same are reviewed during the four quarterly inspections conducted by Division personnel.   |
| Annual Overburden, Spoil, Refuse, Floor, etc. | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | Not required.  |
| Vegetation Data                               | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | Qualitative data were taken on the sites listed in appendix B. The majority of the sites were represented by a mixture of shrubs, forbs, and grasses with little or no erosion noted.  |
| Revegetation Success Monitoring               | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | As noted in previous section   |
| Raptor Survey                                 | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | The current raptor survey is on file in the Division's confidential file section.  |
| Other Information                             | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |  |

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